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**From:** Orvin, Chris [Orvin.Chris@epa.gov]  
**Sent:** 6/16/2017 5:58:43 PM  
**To:** Peck, Gregory [Peck.Gregory@epa.gov]  
**Subject:** RE: New Hanover County Drinking Water

Greg –

This section of the DuPont document that Yvonne shared with us yesterday (p. 3) seems to provide some pretty good background on the TSCA order, at least for our purposes:

**U.S. EPA TSCA Office Approves Polymerization Aid for Commercial Activity**

U.S. EPA, through a Toxic Substances Control Act (TSCA) Section 5(e) Consent Order, granted DuPont approval, under conditions set forth in the Order, to commercially manufacture, process and distribute the polymerization aid. Under the Order, DuPont has agreed to operate with 99 percent or greater overall environmental control efficiency with the GenX processing aid. Additionally, DuPont intends to demonstrate that extractable residual processing aid content in fluoropolymer resins is less than 200 parts per billion using the method prescribed by the U.S. EPA.

Is this enough or should I reach out to OCSPP? Mark is out today. Joe Theiss is acting. Thanks.

Chris Orvin  
U.S. Environmental Protection Agency  
Office of Water  
Special Assistant to the Chief of Staff  
202-564-0430

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**From:** McLain, Jennifer  
**Sent:** Friday, June 16, 2017 12:56 PM  
**To:** Behl, Betsy <Behl.Betsy@epa.gov>; Orvin, Chris <Orvin.Chris@epa.gov>  
**Cc:** Southerland, Elizabeth <Southerland.Elizabeth@epa.gov>; Gonzalez, Yvonne V. <Gonzalez.Yvonne@epa.gov>; Grevatt, Peter <Grevatt.Peter@epa.gov>; Peck, Gregory <Peck.Gregory@epa.gov>; Thompson, Anita <Thompson.Anita@epa.gov>; Bergman, Ronald <Bergman.Ronald@epa.gov>  
**Subject:** RE: New Hanover County Drinking Water

Thanks Betsy. Do you have a suggestion for a Next Steps bullet on what we are doing related to toxicity/risk evaluation?

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**From:** Behl, Betsy  
**Sent:** Friday, June 16, 2017 12:49 PM  
**To:** McLain, Jennifer <McLain.Jennifer@epa.gov>; Orvin, Chris <Orvin.Chris@epa.gov>  
**Cc:** Southerland, Elizabeth <Southerland.Elizabeth@epa.gov>; Gonzalez, Yvonne V. <Gonzalez.Yvonne@epa.gov>; Grevatt, Peter <Grevatt.Peter@epa.gov>; Peck, Gregory <Peck.Gregory@epa.gov>; Thompson, Anita <Thompson.Anita@epa.gov>; Bergman, Ronald <Bergman.Ronald@epa.gov>  
**Subject:** RE: New Hanover County Drinking Water

Thanks for sharing. We are also meeting early next week with OPPT folks to talk about available toxicity data.

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**From:** Mclain, Jennifer  
**Sent:** Friday, June 16, 2017 12:23 PM  
**To:** Orvin, Chris <Orvin.Chris@epa.gov>  
**Cc:** Behl, Betsy <Behl.Betsy@epa.gov>; Southerland, Elizabeth <Southerland.Elizabeth@epa.gov>; Gonzalez, Yvonne V. <Gonzalez.Yvonne@epa.gov>; Grevatt, Peter <Grevatt.Peter@epa.gov>; Peck, Gregory <Peck.Gregory@epa.gov>; Thompkins, Anita <Thompkins.Anita@epa.gov>; Bergman, Ronald <Bergman.Ronald@epa.gov>  
**Subject:** FW: New Hanover County Drinking Water  
**Importance:** High

Chris  
Just letting you know that I have received this request and also looping in OST as they have been involved in the exchange of information over the past few days. Is Region 4 also putting something together? They have been working closely with the state on this.  
Jennifer

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**From:** Orvin, Chris  
**Sent:** Friday, June 16, 2017 11:14 AM  
**To:** Mclain, Jennifer <Mclain.Jennifer@epa.gov>  
**Cc:** Gonzalez, Yvonne V. <Gonzalez.Yvonne@epa.gov>; Peck, Gregory <Peck.Gregory@epa.gov>; Orvin, Chris <Orvin.Chris@epa.gov>  
**Subject:** FW: New Hanover County Drinking Water  
**Importance:** High

Hi Jennifer -

We've been working with your folks to pull together some information on the status of the situation in Hanover County, NC. We have been asked by the third floor to develop a short one-pager. Yvonne provided us some information yesterday, which you'll see below and attached.

We need to roll this up into something a bit more digestible for our audience, though. We need to clearly identify the issue, the important background and any next steps. We are looking for any relevant facts that will help inform our management about what is going on. I have drafted the attached factsheet based on the desk statement, as well as my understanding of the situation - please edit freely and fill in the blanks. I am drawing basically on email traffic and news reports I've seen. Please check carefully for accuracy.

In your response please indicate what information (if any) is internal vs. external so everyone is fully aware what is public at this point.

Could you help me fill in these blanks by this afternoon? If you're not the right person to handle this, please let me know who are the appropriate folks to contact.

Thanks,

Chris Orvin  
U.S Environmental Protection Agency  
Office of Water  
Special Assistant to the Chief of Staff  
202-564-0430

-----Original Message-----

From: Gonzalez, Yvonne V.  
Sent: Thursday, June 15, 2017 3:54 PM  
To: Orvin, Chris <[Orvin.Chris@epa.gov](mailto:Orvin.Chris@epa.gov)>  
Cc: Peck, Gregory <[Peck.Gregory@epa.gov](mailto:Peck.Gregory@epa.gov)>  
Subject: RE: New Hanover County Drinking Water

Chris,

This is the desk statement that was ok'd to move out on the NC:

EPA is committed to protecting public health and supporting states and public water systems as the appropriate steps to address the presence of GenX in drinking water are determined. Under the Safe Drinking Water Act, EPA undertakes extensive evaluations of contaminants and uses the best available peer reviewed science to identify and regulate contaminants of that present meaningful opportunities for health risk reduction. EPA has not established a drinking water regulation, health advisory or health based benchmark for GenX in drinking water because of the limited data on health effects and occurrence in drinking water. The agency will work closely with the states and public water systems to continue assessing the scientific data on the risks of these contaminants and to determine the appropriate next steps to ensure public health protection.

The 1st attachment - which is the study by ORD/NC - is also public and the source of many of the questions regarding the Cape Fear Watershed The 2nd attachment - is an attachment that is also publicly available on GenX, through the DuPont Chemour company

At this time, our SDWIS folks are running a data dump on Hanover County, NC - which is comprised of about 422 water systems. They are double-checking the information, which should be available by early tomorrow morning, to give us information on the water systems, violations, site visit information (if available).

Let me know if you need anything else.

Regards,  
Yvonne-Veronica Gonzalez  
Special Assistant (on detail)  
Office of Ground and Drinking Water  
U.S. Environmental Protection Agency  
(202)564-2912

-----Original Message-----

From: Orvin, Chris  
Sent: Thursday, June 15, 2017 9:52 AM  
To: Gonzalez, Yvonne V. <[Gonzalez.Yvonne@epa.gov](mailto:Gonzalez.Yvonne@epa.gov)>  
Cc: Peck, Gregory <[Peck.Gregory@epa.gov](mailto:Peck.Gregory@epa.gov)>  
Subject: FW: New Hanover County Drinking Water

Yvonne -

Can you help us develop a quick one-pager on New Hanover County DW concerns and enforcement issues? We are shooting for today. Peter is aware (see below).

Feel free to give me a buzz with any questions or concerns.

Thanks,

Chris Orvin  
U.S Environmental Protection Agency  
Office of Water  
Special Assistant to the Chief of Staff  
202-564-0430

-----Original Message-----

From: Peck, Gregory  
Sent: Thursday, June 15, 2017 9:50 AM  
To: Orvin, Chris <Orvin.Chris@epa.gov>  
Cc: Grevatt, Peter <Grevatt.Peter@epa.gov>  
Subject: New Hanover County Drinking Water

Chris. Please work with OGWDW to prepare a backgrounder on drinking water concerns and enforcement? In New Hanover County (North Carolina). Today if possible.

Thanks

Gregory E. Peck  
Chief of Staff  
Office of Water  
U.S.Environmental Protection Agency  
Washington, DC 20460

(202)564-5700